

FILE 'REGISTRY' ENTERED AT 11:43:10 ON 27 DEC 2004

E "NS-1619"/CN 25

E "NS1619"/CN 25

E "NS 1619"/CN 25

L1 1 S E3

FILE 'CANCERLIT' ENTERED AT 11:45:08 ON 27 DEC 2004

L2 1 S L1

L3 1215137 S APOPTOSIS OR TUMOR OR CANCER OR NEOPLASM?

L4 0 S L3 AND L2

L5 2 S NS 1619

L6 1 S L3 AND L5

L7 0 S BLACK/AU

L8 0 S NINGARAJ/AU

L9 0 S NINGARAJ.AU

L10 0 S CAPLUS

FILE 'CAPLUS' ENTERED AT 11:49:42 ON 27 DEC 2004

L11 56 S L1

L12 658649 S APOPTOSIS OR TUMOR OR CANCER OR NEOPLASM

L13 9 S L11 AND L12

L14 22244 S POTASSIUM CHANNEL

L15 802 S L14 AND L12

L16 8 S L13 AND L14

L17 2 S CALCIUM ACTIVATED POTASSIUM CHANNEL ACTIVATOR

FILE 'CANCERLIT' ENTERED AT 11:53:08 ON 27 DEC 2004

FILE 'CAPLUS' ENTERED AT 11:53:08 ON 27 DEC 2004

FILE 'PCTFULL' ENTERED AT 11:54:25 ON 27 DEC 2004

L18 1 S CALCIUM ACTIVATED POTASSIUM CHANNEL ACTIVATOR

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ACCESSION NUMBER: 2000:36170 DISSABS Order Number: AAI9958329
TITLE: Potassium channel openers and beta-amyloid toxicity in
vascular endothelial cells
AUTHOR: Chi, Xuedong [Ph.D.]; Price, Joel M. [adviser]
CORPORATE SOURCE: University of South Florida (0206)
SOURCE: Dissertation Abstracts International, (1999) Vol. 61, No.
1B, p. 115. Order No.: AAI9958329. 85 pages.
DOCUMENT TYPE: Dissertation
FILE SEGMENT: DAI
LANGUAGE: English

AB . . . by electron microscopy. We also found that A β 1-40 and
its toxic components A β 25-35 can induce both dose- and time-dependent
necrosis in cultured vascular endothelial cells. The results
demonstrate that this cytotoxicity is correlated with a dose-dependent
decrease of bradykinin induced nitric oxide (NO) production. Furthermore,
the KATP channel opener diazoxide and the KCa opener **NS1619**
effectively attenuates A β -induced endothelial cytotoxicity. These
KCOs also stimulate NO production in AD treated endothelial cells, and
this effect can. . .

LE: Triazolylbenzimidazolones and triazolylbenzotriazoles:
 new potential potassium channel activators. II
 AUTHOR(S): Baragatti, Barbara; Biagi, Giuliana; Calderone,
 Vincenzo; Giorgi, Irene; Livi, Oreste; Martinotti,
 Enrica; Scartoni, Valerio
 CORPORATE SOURCE: Dipartimento di Psichiatria, Neurobiologia,
 Farmacologia e Biotecnologie, Universita di Pisa,
 Pisa, 56126, Italy
 SOURCE: European Journal of Medicinal Chemistry (2000),
 35(10), 949-955
 CODEN: EJMCA5; ISSN: 0223-5234
 PUBLISHER: Editions Scientifiques et Medicales Elsevier
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 134:207763
 REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L29 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2000:627341 CAPLUS
 DOCUMENT NUMBER: 133:350174
 TITLE: 5-(4'-substituted-2'-nitroanilino)-1,2,3-triazoles as
 new potential potassium channel activators. I
 AUTHOR(S): Biagi, Giuliana; Calderone, Vincenzo; Giorgi, Irene;
 Livi, Oreste; Scartoni, Valerio; Baragatti, Barbara;
 Martinotti, Enrica
 CORPORATE SOURCE: Dipartimento di Scienze Farmaceutiche, Universita
 degli Studi di Pisa, Pisa, 56126, Italy
 SOURCE: European Journal of Medicinal Chemistry (2000), 35(7 &
 8), 715-720
 CODEN: EJMCA5; ISSN: 0223-5234
 PUBLISHER: Editions Scientifiques et Medicales Elsevier
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 133:350174
 REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L29 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2000:531261 CAPLUS
 DOCUMENT NUMBER: 133:246992
 TITLE: Potassium channel openers prevent β -amyloid
 toxicity in bovine vascular endothelial cells
 AUTHOR(S): Chi, X.; Sutton, E. T.; Hellermann, G.; Price, J. M.
 CORPORATE SOURCE: College of Medicine, Department of Physiology,
 University of South Florida, Tampa, FL, 33612-4799,
 USA
 SOURCE: Neuroscience Letters (2000), 290(1), 9-12
 CODEN: NELED5; ISSN: 0304-3940
 PUBLISHER: Elsevier Science Ireland Ltd.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L29 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1999:305307 CAPLUS
 DOCUMENT NUMBER: 131:128233
 TITLE: Potassium channels and neurodegenerative diseases
 AUTHOR(S): Rundfeldt, Chris
 CORPORATE SOURCE: Dept. of Pharmacology I, Corporate R and D, ASTA
 Medica GmbH, Radebeul, D-01445, Germany
 SOURCE: Drug News & Perspectives (1999), 12(2), 99-104
 CODEN: DNPEED; ISSN: 0214-0934

PUBLISHER:
DOCUMENT TYPE:
LANGUAGE:
REFERENCE COUNT:

Prous Science
Journal; General Review
English

43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ACCESSION NUMBER: 2000:36170 DISSABS Order Number: AAI9958329
TITLE: Potassium channel openers and beta-amyloid toxicity in
vascular endothelial cells
AUTHOR: Chi, Xuedong [Ph.D.]; Price, Joel M. [adviser]
CORPORATE SOURCE: University of South Florida (0206)
SOURCE: Dissertation Abstracts International, (1999) Vol. 61, No.
1B, p. 115. Order No.: AAI9958329. 85 pages.
DOCUMENT TYPE: Dissertation
FILE SEGMENT: DAI
LANGUAGE: English

ACCESSION NUMBER: 2000:892172 CAPLUS
DOCUMENT NUMBER: 134:207763
TITLE: Triazolylbenzimidazolones and triazolylbenzotriazoles:
new potential potassium channel activators. II
AUTHOR(S): Baragatti, Barbara; Biagi, Giuliana; Calderone,
Vincenzo; Giorgi, Irene; Livi, Oreste; Martinotti,
Enrica; Scartoni, Valerio
CORPORATE SOURCE: Dipartimento di Psichiatria, Neurobiologia,
Farmacologia e Biotecnologie, Universita di Pisa,
Pisa, 56126, Italy
SOURCE: European Journal of Medicinal Chemistry (2000),
35(10), 949-955
CODEN: EJMCA5; ISSN: 0223-5234
PUBLISHER: Editions Scientifiques et Medicales Elsevier
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 134:207763
REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2000:627341 CAPLUS
DOCUMENT NUMBER: 133:350174
TITLE: 5-(4'-substituted-2'-nitroanilino)-1,2,3-triazoles as
new potential potassium channel activators. I
AUTHOR(S): Biagi, Giuliana; Calderone, Vincenzo; Giorgi, Irene;
Livi, Oreste; Scartoni, Valerio; Baragatti, Barbara;
Martinotti, Enrica
CORPORATE SOURCE: Dipartimento di Scienze Farmaceutiche, Universita
degli Studi di Pisa, Pisa, 56126, Italy
SOURCE: European Journal of Medicinal Chemistry (2000), 35(7 &
8), 715-720
CODEN: EJMCA5; ISSN: 0223-5234
PUBLISHER: Editions Scientifiques et Medicales Elsevier
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 133:350174
REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ACCESSION NUMBER: 2003456462 MEDLINE
DOCUMENT NUMBER: PubMed ID: 12962728
TITLE: The K⁺ channel openers diazoxide and NS1619
induce depolarization of mitochondria
and have differential effects on cell Ca²⁺ in CD34⁺ cell
line KG-1a.
AUTHOR: Korper Sixten; Nolte Florian; Rojewski Markus Thomas; Thiel
Eckhard; Schrezenmeier Hubert
CORPORATE SOURCE: Freie Universitat Berlin, Universitätsklinikum Benjamin
Franklin, Medizinische Klinik III (Hematologie, Onkologie
und Transfusionsmedizin), Berlin, Germany..
sixten.koerper@medizin.uni-ulm.de
SOURCE: Experimental hematology, (2003 Sep) 31 (9) 815-23.
Journal code: 0402313. ISSN: 0301-472X.
PUB. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200310
ENTRY DATE: Entered STN: 20031002
Last Updated on STN: 20031022
Entered Medline: 20031021